

# **Historic, Archive Document**

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207

Dahlias

for

1937



Rocky River Dahlia Gardens  
NORTH OLMSTED, O.







A CORNER OF OUR SHOW GARDEN IN 1936. THE VARIETY  
IN THE FOREGROUND IS FRANK SERPA.

# DAHLIAS

*The universal flower*

DURING the past few years no flower has enjoyed the phenomenal growth in popularity that has been the lot of the dahlia. From a very humble beginning, it now ranks second among all flowers in favor with the world's garden lovers. Easy to grow, responding magnificently to extra care, beautiful beyond description, and infinite in its variety of form and color, it justly merits this lofty position in our esteem.

Go where you may and you will find dahlias. Go anywhere in this country, go to Canada, Mexico, South America, Europe, Africa, India, Japan, New Zealand, Australia, the islands of the seas, and even in Iceland, and you will find dahlias growing, and, growing in popularity.

# *General Information*

## **LOCATION**

The ROCKY RIVER DAHLIA GARDENS are located at 24136 Mastick Rd., North Olmsted, O. ("Where Flowers Grow") This is about two miles west of the Cleveland Airport, on Route 17. (Temporary) Prop. E. J. Wind.

## **ORDER EARLY**

Kindly place your order as early as possible, to insure best service and to help eliminate some of the rush and confusion, on our part, at delivery time. As all orders are filled in the order in which they are received, those ordering first will have the benefit of the larger stocks, from which we select your roots or plants.

## **DEPOSITS**

A deposit of \$1.00 will hold your order for future delivery, the balance to be paid before shipment. If currency is enclosed with your order have the letter insured.

## **GUARANTEE**

All stock shipped by the Rocky River Dahlia Gardens is guaranteed to be true to name, free from disease, and in good growing condition, upon arrival at its destination. Please report errors as soon as apparent, for replacement.

## **PRICES**

Our prices are for good quality stock, carefully grown and handled, and are as low as is consistent with good service, liberal replacement policies, extras that please, and the supply of the variety.

## **EXTRAS**

We include an extra root or plant with each order of \$5.00 or more.

On orders of \$10.00 to \$ 20.00 you may select 10% additional.  
On orders of \$20.00 to \$ 50.00 you may select 15% additional.  
On orders of \$50.00 to \$ 75.00 you may select 20% additional.  
On orders of \$75.00 to \$100.00 you may select 25% additional.

## **ABBREVIATIONS**

Straight cactus—St. C.; Incurved cactus—In. C.; Semi cactus—S. C.; Informal decorative—I. D.; Formal decorative—F. D.

## **VARIETIES MARKED**

Varieties marked with an asterisk (\*) are of foreign origination.

## **SALES TAX**

Residents of Ohio must include the three percent sales tax with remittance.

## **MEMBER**

American Dahlia Society

Dahlia Society of Ohio

Central States Dahlia Society

Dahlia Society of Indiana

Ohio Valley Dahlia Society

## *Green Plants*

Our GREEN PLANTS are produced from base cuttings taken from clumps, selected in the field for propagating purposes. These cuttings are rooted in special propagating benches and then transferred to three inch pots. Cool temperatures are maintained to insure stocky plants. About two weeks before planting time the plants are transferred to cold frames for careful hardening. These sturdy plants are shipped in paper pots, to any part of the country and annually produce many prize blooms. Instructions for their care are enclosed with each shipment.

With favorable care the GREEN PLANTS are equal in all respects to tubers. Many growers use them exclusively for the production of exhibition blooms. Quite frequently the clumps produced in the fall are as heavy, or heavier, than those from a planting of the same variety from tubers. We are sure that a dollar spent for plants will produce at least as many tubers as a dollar spent for tubers. We GUARANTEE a satisfactory clump from any plant purchased from us.

## *New Novelties for 1937*

Each year hundreds of new varieties, representing the cream of the efforts of the world's hybridizers, are placed on the market. For 1937 we have selected the ones we believe to be the best. Those who are able will be well repaid by visiting our gardens next fall to see them in bloom.

For those who like to grow the newest, we are offering plants of some at originators prices.



ROBERT RIPLEY

**ROBERT RIPLEY I. D. (Salem Dahlia Gardens)** A lavender rose-pink reported to have been grown 16 inches in diameter and 12 inches in depth.

Plant \$10.00

**AMERICAN PURITY S. C. (American Dahlia Farms)** Reputed to have the quality and size so generally lacking in other whites.

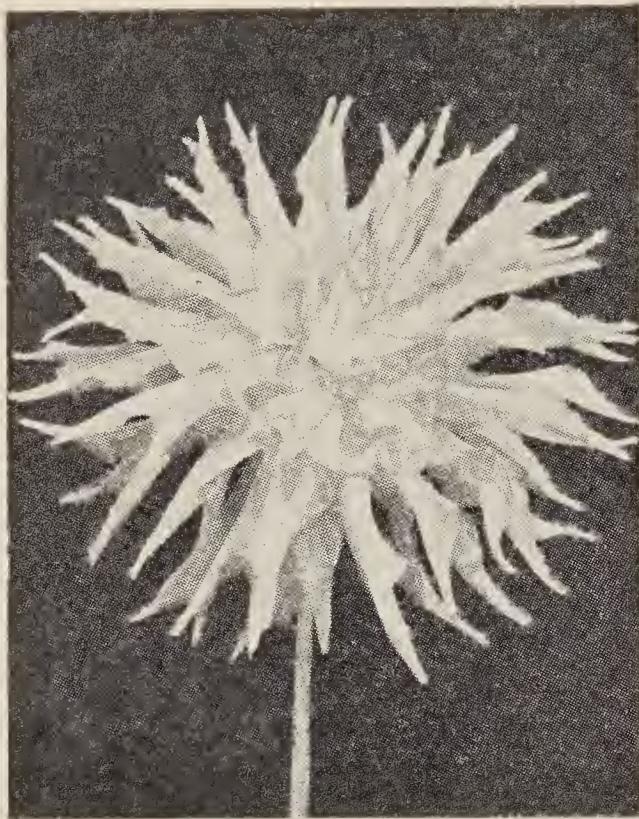
Plant \$7.50

**LELAND STANFORD I. D. (Bally Dahlia Gardens)** Brilliant cardinal red, with formation somewhat similar to the great California Idol by the same originator.

Plant \$7.50 net

**MISS OHIO In. C. (Franks Dahlia Gardens)** We regard this as the best cactus of American introduction. Beautiful lilac rose.

Plant \$5.00



**GREATER GLORY**

**GREATER GLORY** S. C. or In. C. (Salem Dahlia Gardens) A very large rose pink of beautiful formation. Winner of eleven firsts as a seedling.

Plant \$10.00

**DREAM GIRL** I. D. (Lee's Dahlia Gardens) Outstanding in the northwest. Large deep blooms of a pleasing shade of salmon and coral pink, blending to pale gold at the base of the petals, which are lightly tipped gold.

Plant \$5.00

**MISS OAKLAND** F. D. (Oakleigh Gardens) A white, which altho not so large will be a real contender in the formal white class.

Plant \$5.00 net

**FIREBALL** F. D. (Hillside Farm)

Another of moderate size but with a color that demands instant attention. A brilliant scarlet which does not burn or fade.

Plant \$5.00

**LE' JOY** I. D. (Lee's Dahlia Gardens) A deep bluish orchid, with many of the blooms tipped pure white. Quite striking.

Plant \$5.00

**RUDYARD KIPLING** F. D. (Salem Dahlia Gardens) Intermediate in size. The color is a very deep rose with shadings of ashes of rose.

Plant \$5.00

**VIN-WELL PRINCESS** F. D. (Vin-Well Dahlia Gardens-Parella) Large blooms of lavender pink. Early and very prolific bloomer.

Plant \$5.00

**DAVID COPPERFIELD** I. D. Another big one with great depth. The color is violet purple.

Plant \$5.00

**LEMON GLO** S. C. (Lee) Large blooms on good stems. Clear lemon yellow without shading. Free bloomer and good keeper when cut.

Plant \$2.50

**VIN-WELL ARGONANT** I. D. (Blamer) Color and formation similar to Milton J. Cross. Very free bloomer.

Plant \$2.50

# *Foreign Varieties for 1937*

The following are some of the foreign dahlias of recent introduction which we are adding to our 1937 plantings. These have been selected for their general usefulness and beauty with particular emphasis on their value as cut flowers for baskets and arrangements. Only a limited number of plants will be available to our customers.

<b>ALTENSTEIN</b> S. C.	Large exhibition blooms. Pink suffused lilac with lighter tips.	Plant \$1.50
<b>BAERNE</b> S. C.	A fine pink with salmon glow.	Plant \$2.00
<b>CROIX DU SUD</b>	Large anemone. Blooms up to ten inches in diameter. Single row of red petals, center is a cluster of pure yellow petaloids.	Plant \$5.00
<b>DIRECTEUR PLUMCOCQ</b> I. D.	A large, deep dahlia for the exhibitor. Excellent stems. Fine grower.	Plant \$5.00
<b>ERLOSUNG</b> S. C.	A pure white similar to "Star of Bethlehem" but with better stems. Good keeper.	Plant \$1.50
<b>GARTENDIRECTOR BARTON</b> S. C.	White with rose, tipped white.	Plant \$1.50
<b>HERZOG VON WURTHEMBURG</b> In. C.	Light salmon with orange center. The petals are long and curled giving the bloom great depth. Great exhibition possibilities.	Plant \$2.00
<b>LAETARE</b> S. C.	Red with pronounced gold tips.	Plant \$1.50
<b>LYRIC</b> S. C.	Cerise rose, with chamois yellow center.	Plant \$1.00
<b>MARGA V. ETZDORF</b> In. C.	Brick red with yellow base.	Plant \$1.50
<b>MITTENWALD</b> S. C.	Beautiful glowing scarlet.	Plant \$1.50
<b>PETUNIA</b> In. C.	A very fine lavender of good size and attractive formation. Value as exhibition variety is established.	Plant \$2.00
<b>ROYAL BLACK</b> S. C.	Deep velvety mahogany red with blackish glow.	Plant \$2.00
<b>SEVEREN'S TRIUMPH</b> F. D.	True pink of excellent characteristics.	Plant \$1.50

## *General List of World's Best Dahlias*

**ADORABLE I. D.** (Angell-Parkway) A fine dahlia of exceptional beauty. The color is a vivid pink, shading to an orange yellow glow at the center.  
Root \$2.50 Plant \$1.25

**ADIRONDACK SUNSET I. D.** (Crackner-Parkway) One of the most spectacular dahlias of recent introduction. Its large size and brilliant color attract instant attention. The color is scarlet with golden tips and bright orange at the base.

Root \$2.00 Plant \$1.00

**AIKO S. C.** (Dahliadel) Large flowers of striking beauty. The color is a deep carmine with a silver reverse showing at the center and tips.  
Root .75 Plants .50

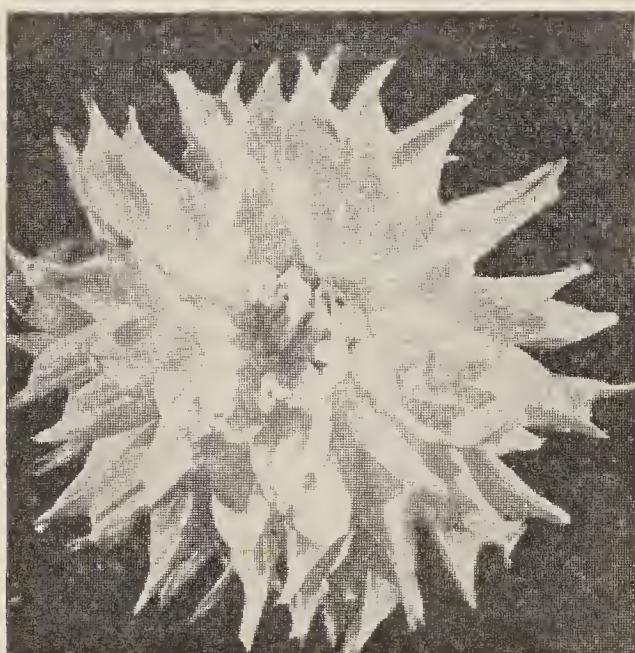
**AIR MAIL I. D.** (Kanouse) A fine cut flower variety of medium size, held high above the bushes, on exceptionally long stiff stems.  
Root .75

**ALYCE MARIE GALVIN F. D.** (Galvin) White with faint tones of cameo pink. Early and free bloomer. Large flowers on vigorous bush.  
Root .50

\***ALTMARK S. C.** (Berger) An excellent variety from Germany, which attracts much attention because of its delicate beauty. Medium sized blooms of light rose with a lilac suffusion shading to white at the center.

Root \$1.00 Plant .50

**AMBASSADOR St. C.** (Broomall) One of the best straight cactus on the market. Soft yellow buff shaded salmon pink.  
Root .75



AMELIA EARHART

**AMELIA EARHART S. C.** (Cordes-Eastman) One of the most consistent winners in the semi cactus classes and also in classes calling for the largest bloom in the show. The color is a very pleasing shade of apricot buff with salmon tints, shading to soft yellow at the base.

Root \$1.50 Plant .75

**AMERICAN LEGION I. D.** (Nunevillier) Well grown blooms of this one can beat them all in its class or for largest bloom in the show. Flowers are very deep. Color soft picric yellow.

Root \$1.50 Plant .75

**AMERICA'S SWEETHEART I. D.** (Nunevillier) A new large yellow of pure color without shadings. Flowers held erect on strong stems. Very strong grower.

Root \$4.00 Plant \$2.00

**AMERICAN TRIUMPH** In. C. (Nunevillier) This is one of the best true type cactus of American origination, and well grown blooms of it will win in any show. A bit hard to grow and a shy root-maker but well worth the effort required.

Root \$1.00 Plant .50

**ANNA BENIDECT** I. D. (Dahliadel) High quality blooms of deep rich garnet with black shadings at center. Good robust bush growth.

Root \$2.50 Plant \$1.25

**ANDREA ERICSON** I. D. (Fisher & Masson) One of the most pleasing of all whites. Early and free blooming. Long stems.

Root .75

**ARCTURUS** F. D. (Peck) Scarlet suffused yellow. Fair sized flowers on strong stems. Bushes vigorous and tall.

Root .75

**ARELDA LLOYD** I. D. (Smith) A yellow with all the characteristics of Jane Cowl except color. Early in the season there is a faint trace of bronze which disappears later.

Root \$1.50 Plant .75

\***ARAINE** S. C. (Berger) This German introduction of old gold and amber yellow was very much admired, in a basket at the Cleveland show this last fall. Moderate sized flowers.

Root \$1.00 Plant .50

\***BALLEGO'S GLORY** F. D. (Ballego) This medium sized variety from Holland is greatly admired for its distinctive coloring. Mahogany red, each petal bordered with gold.

Root \$1.00 Plant .50

\***BALLEGO'S SURPRISE** S. C. (Ballego) One of the finest. Formation is very similar to Frau Bracht but the flower is deeper and has more petals. This white will be in most up-to-date gardens.

Root \$3.00 Plant \$1.50

\***BERGER'S JEWELL** In. C. (Berger) A beautiful well formed flower of lilac pink, with lighter center.

Root \$2.50 Plant \$1.25

\***BETTER TIMES** In. C. (Stredwick) Large flowers on good stems, held high above a tall bush. Lilac pink with yellow center.

Root \$1.50 Plant .75

**BETTY COLTER** I. D. (Reed) An unusual color of coppery henna. The flowers are large and attractive on good stems.

Root \$1.00 Plant .50

**BLACK KNIGHT** I. D. (Kemp) A very large variety of darkest maroon, held high above the tall bushes on straight, strong stems. It was one of the most popular with buyers, in our gardens last fall.

Root \$2.00 Plant \$1.00

**BUCKEYE BRIDE** F. D. (Peck) Unsurpassed as a cut flower variety. Salmon pink of medium size. Early and free bloomer. Blooms keep well when cut.

Root .75 Plant .50

**CADET** S. C. (Ballay) Very large, clean-cut, primrose yellow of distinctive formation. Tall bushes.

Root \$1.00 Plant .50

**CALIFORNIA IDOL** I. D. (Ballay)

A giant clear yellow, that can win in any class, in which it may be entered, in any show. One of the finest dahlia of all times. Strong grower and the stems are exceptionally long.

Root \$4.00 Plant \$2.00

**CALIFORNIA PEACH** S. C. (Ballay)

Bright coral or peach pink with size and formation similar to Satan. We did not grow this the past season but its performance justifies our adding it to our list.

Plants only \$3.75

**CALIFORNIA ROSE** I. D. (Ballay)

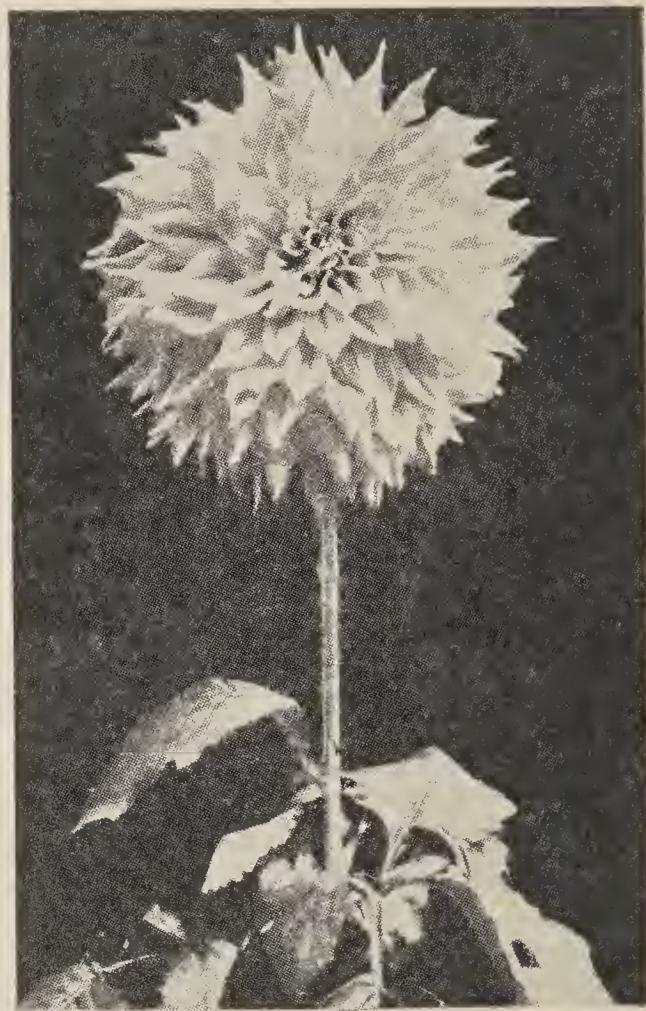
Another addition for 1937. A bright salmon rose of large size and good keeping qualities.

Plants only \$1.50

**CAMEO** I. D. (Fisher & Masson)

Very large flower of coral pink, overlaid with a sparkling sheen. A trustworthy sort that deserves its popularity.

Root \$1.00 Plant .50



**CALIFORNIA IDOL**

**CAVALCADE** F. D. (Groll) A fine new addition to the "commercial types" and one which will win its share of honors on the show tables. The formation and stem are similar to Jersey's Beauty. Color deep rich rose with tones of rosy magenta.

Root \$1.50 Plant .75

**CENTURY OF PROGRESS** I. D. (Burkhart) A vigorous tall growing purple of good size and formation.

Root \$2.50 Plant \$1.25

**CHALLENGER** S. C. (Chappaqua) A lively, brilliant, cardinal red with gold at the base of the petals. Its large blooms and good growing habits attract much attention.

Root \$3.00 Plant \$1.50

**CHARLIE CHAPLIN** I. D. (Petrie) Large flowers of deep golden buff, shading to a bronze center.

Root \$1.50 Plant .75

**CHAUTAUQUA SUNSET** I. D. (Wallace) One of the most popular dahlias in our gardens. A large beautifully colored flower on a perfect bush of medium height. The color is gold, orange and glowing rose. Recommended for its beauty.

Root \$1.00 Plant .50

**CITY OF CLEVELAND** I. D. (Bissell) Unusual, russet red. Excellent all during the summer of 1936. Good growing habits and it produces many flowers.

Root \$2.00 Plant \$1.00

**CITY OF JAMESTOWN F. D.** (Wallace) A medium sized, clear sulphur yellow, on long strong stems. Sturdy bushes. **Root .50**

**CLARA BARTON I. D.** (Salem) Large flowers of a silvery orchid, reverse of petals deep lavender. One of the best in the lavender class. **Root \$1.50 Plant .75**

**\*CONSERVATRIX In. C.** (Bruidegom) One of the most artistic in its class. Bright geranium red flowers of good size, and its a consistent winner. **Root .75 Plant .50**

**\*CORALLINA S. C.** (Bruidegom) An unusually striking dahlia of stone red and gold. Petals curl and twist in a most artistic manner. Good stems. **Root \$1.50 Plant .75**

**DADDY KEMP I. D.** (Kemp) Spectacular because of its extreme size and rich purplish color. Prune the bush to four canes for strong stems. **Root \$2.00 Plant \$1.00**

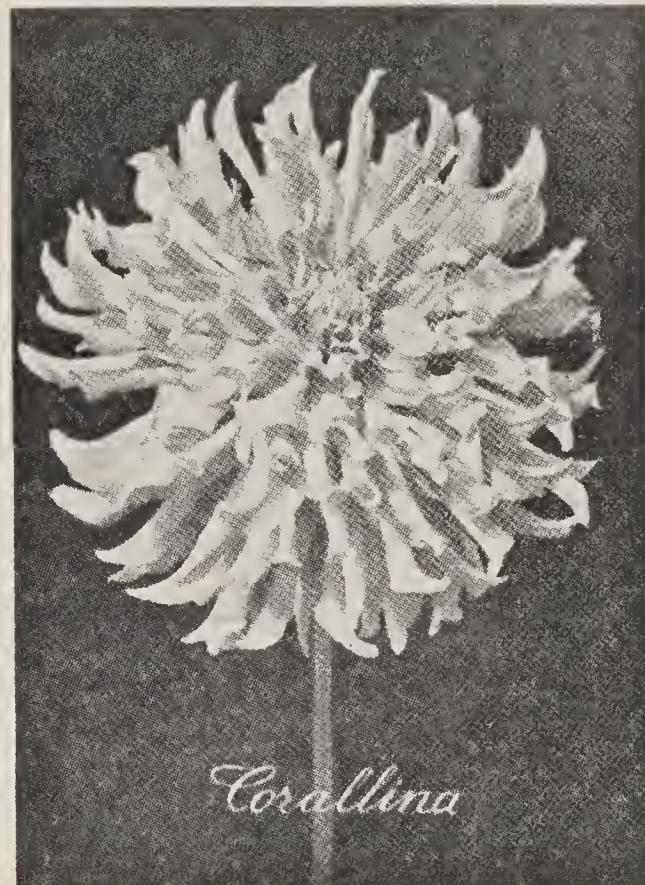
**DAISY TURNQUIST I. D.** (Hulin) An attractively formed flower of medium size. Color it a lively rose pink with yellow at the base of the petals. **Root \$1.50 Plant .75**

**DOROTHY STONE I. D.** (Fisher & Masson) Bright rose pink. Stems long and strong. **Root .50**

**\*DOKOUPIL'S GIANT F. D.** (Dokoupil) A consistent winner in the largest formal decorative classes in this section. The flower is large and deep with a color all its own, a soft lilac rose. **Root \$1.00 Plant .50**

**\*DOKOUPIL'S TRIUMPH I. D.** (Dokoupil) A very large straw yellow with a faint suffusion of lavender. Very fine substance. Its one fault should be mentioned—occasional blooms have centers which do not fully open. **Root \$1.00 Plant .50**

**DOT FARLEY I. D.** (Vernon) A large flower on a good bush. Excellent stems. Peach pink and golden yellow. **Root \$1.00 Plant .50**



\***DULCENIA** St. C. (Bruidegom) A sensation in the garden and show room the past season. Extremely profuse bloomer. Flowers are an attractive cardinal red, well formed flowers which are also true to type. Bound to be popular.

Root \$2.00 Plant \$1.00

**DWIGHT W. MORROW** I. D. (Maytrott) One of the richest colors in the garden. Velvety crimson red. The flowers are large but somewhat inclined to droop.

Root .50

**EAGLE ROCK FANTASY** I. D. (Broomall) A beautiful big lavender that is outstanding in the garden late in the season. A big winner.

Root \$1.00 Plant .50

**EDITH A. LEHMAN** I. D. (Kemp) A wonderful color of bright old rose overlaid with a silvery sheen. Large flowers on long stems. Root \$3.50 Plant \$1.75

**EDNA FERBER** S. C. (Fisher & Masson) The popularity of this fine dahlia continues. Good sized flowers of great character. The color is a glistening coral shading to old gold at the base of the petals.

Root .75

**ELISSA LANDI** I. D. (Cordes) A brightly colored flower of golden coral. Very pleasing form.

Root \$1.00 Plant .50

**EMILY DUNCAN** S. C. (Hulin) A delicately shaded flower of fairly large size. Lavender rose shaded silver.

Root \$1.00 Plant .50

\***ENTRUP'S SULTAN** I. D. (Entrup) A large heavy flower on long stems held well out of the vigorous bushes. Carmine red.

Root .75

\***FAY BEATON** I. D. (Trimbee) A large creamy white on long stems. Long pointed petals attractively arranged. Free bloomer.

Root .75

**FIREMAN** I. D. (Reed) A large flashy cardinal red, tipped gold. The bush is a tall robust grower. Excellent root maker.

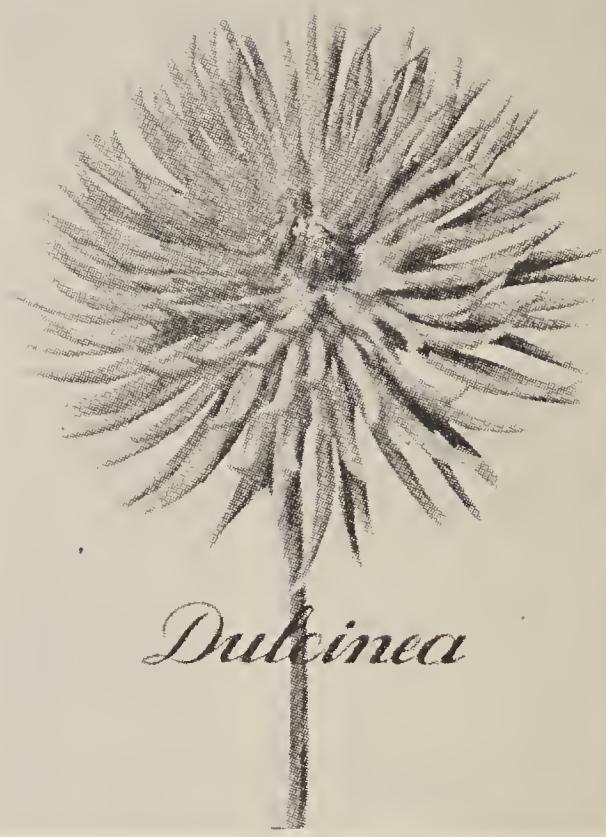
Root \$1.50 Plant .75

**FLOYD GIBBONS** I. D. (Viele & Mendham) Bright coppery bronze of pleasing formation. Early and prolific.

Root .50

**FOREST FIRE** I. D. (Dahliadel) The name aptly describes the coloring, which is a lemon yellow at the base of the petals and rich scarlet towards the outer half. Good, compact bushes.

Root \$2.00 Plant \$1.00



*Dulcinea*

DULCINEA

**FRANK SERPRA** I. D. (Serpra) Very large with a dainty color, uncommon in so large a flower. Stems are long and strong. The color is a delicate pink with lavender suffusions throughout.

Root \$2.50 Plant \$1.25

\***FRANZ BERGER** S. C. (Berger) This fine dahlia from abroad, comes close to being an ideal dahlia in every respect. Very early, free bloomer. Stems long, holding the medium sized flowers facing. Fine for exhibition or cutting. Coral red.

Root \$1.50 Plant .75

\***FRAU IDA MANSFIELD** In. C. (Schone) A very attractive pale lemon yellow, that is always a favorite in our gardens. The flower is very deep and of large size for this type. The tips of the petals are cleft giving the flower added character and the appearance of being more numerous than they actually are.

Root \$1.50 Plant .50

\***FRAU O. BRACHT** S. C. (Berger) This dahlia should be in every garden. We consider it one of the ten best varieties on the market. The color is a clear light primrose yellow. Fine for exhibition or cutting, and can not be recommended too highly.

Root \$1.00 Plant .50

**FRED SPRINGER** F. D. (Groll) A novelty dahlia in demand as a border or hedge plant. Mediumly small flowers of bright scarlet, borne in profusion on dwarf, compact plants.

Root .75

**GEORGE WASHINGTON** I. D. (Shurtleff) This deep rose pink, with some petals tipped silver, attracted as much attention in our gardens as any of the 1936 introductions. Large, deep blooms of attractive formation.

Plants only \$2.50

**GIRL OF HILLCREST** I. D. (Scott) A brilliant Mikado orange of large size that blooms early and profusely. Fine stems.

Root .50

**GOLDEN GOBLIN** F. D. (Goodacre) A very pleasing variety of golden ochre. The flowers are very deep and quite large.

Root .50

**GOLDEN STANDARD** In. C. (Downs) A fine exhibition dahlia of distinctive coloring. Golden tan, with amber and bronze shadings.

Root \$2.00 Plant \$1.00

**GOLDEN SWEEPSTAKES** I. D. (Lee) A very pleasing, free blooming, golden buff tinted apricot at center. Long excellent stems. Flowers are quite large and very deep.

Root \$5.00 Plant \$2.50

\***GORILLA** I. D. (Entrup) A large chestnut brown with golden flushes at the tips.

Root \$1.00 Plant .50

\***GRETEL** S. C. (Bauer) A remarkably free blooming sort that is excellent for basket work. The color is a bright henna. Quite a sensation when first shown in this country.

Root \$1.50 Plant .75

**HARRIET HOCTOR** I. D. (Alling) This has been one of the favorites in our gardens, since introduction. The blooms are large and deep and of an uncommon, lively reddish purple. Early.

Root .50

**HI-LITE** I. D. (Lee) Large velvety carmine, lightly tipped with gold. Reverse of petals are silver. Graceful formation and the stems are strong.

Root \$2.50 Plant \$1.25

**HILLCREST MANDERIN** I. D. (Scott) Large blooms of striking color. Oriental scarlet, flushed golden yellow.

Root \$1.00 Plant .50

**HILLCREST NUGGET** I. D. (Scott) Deep flowers of apricot yellow, with reddish suffusion on the reverse.

Root \$2.00 Plant \$1.00

**HONOR BRIGHT** F. D. (Peck) A good commercial type dahlia. Amber with rose coral shadings and tints.

Root \$1.50 Plant .75

\***HOSIANNIA** In. C. or S. C. (Engelhart) One of the most delicately beautiful dahlias in our gardens. Medium sized flowers of rose pink, shading to a cream center. Flowers on top of long strong stems. Bushes are free branching.

Root \$1.50 Plant .75

**H. R. S. I. D.** (Seal) Large massive blooms that immediately arrest the attention of visitors. The color is a clear, deep, golden yellow with no other tints. The long petals twist and wave in a most enchanting manner.

Root \$3.00 Plant \$1.50

**HUNT'S VELVET WONDER** I. D. (Hunt) One of the big ones. The deep flowers have long broad petals and are of a dark, rosy magenta, shading to true purple. Strong grower.

Root \$2.50 Plant \$1.25

\***INSPIRATION** Inc. C. (Ballego) A true type incurved cactus of a fine clear yellow color. Good grower. Exceptional stems. We believe this will be popular for exhibition.

Root \$2.50 Plant \$1.25

**JAMES KIRBY** I. D. (Badetty) A bright, rich, cardinal red with darker shadings. Good keeper when cut. Tall grower.

Root \$1.00 Plant .50

**JANE COWL** I. D. (Downs) The standard of comparison for all dahlias. Universally grown and popular as a florist's flower. Large blooms of buff, gold and salmon.

Root .50



\***JEAN TRIMBEE** S. C. (Trimbee) Large flowers of petunia violet. Excellent in every respect. Early and profuse bloomer.

Root .75

**JEROME KERN** I. D. (Viele and Mendham) Fair sized flowers of graceful formation. Very popular with our visitors. The petals recurve to the stems. Shrimp pink with gold tints.

Root \$1.00 Plant .50

**JERSEY'S BEAUTY** F. D. (Waite) The most widely grown of all dahlias and is generally considered the finest florist flower on the market. Also a consistent winner at all shows. Eosine pink.

Root .50

**JERSEY'S DAINTY** S. C. (Waite) A fine exhibition, white semi-cactus, which is also becoming very popular with florists. Fine, long stems carry the flower well above the bushes. Profuse bloomer. Medium size.

Root \$1.00 Plant .50

**JERSEY'S MELODY** S. C. (Waite) A popular garden variety because of its attractive coloring of Tyrian rose, tipped silver and with silver reverse. Early prolific bloomer.

Root .50

**JOSEPHINE** G. S. C. (Rushmohr) One of the most consistent dahlias we grow. Well-formed flowers of a pleasing rose pink lightly tipped yellow.

Root .50

**JUDGE SAMUEL SEABURY** I. D. (Etherington) A very large flower of a delicate blend of pink and white. Robust grower.

Root \$2.50 Plant \$1.25

\***KAREOL** In. C. (Carlee) A very satisfactory variety of excellent formation. Early and free bloomer. The color is unusual; maize yellow suffused carmine and old rose.

Root \$1.00 Plant .50

**KARL BONAWITZ** S. C. (Dahliadel) Brilliant, velvety carmine on long stems, topping a perfect bush. Very desirable.

Root .75

**KATHLEEN NORRIS** I. D. (Fisher & Masson) Has held its popularity as an exhibition flower since its introduction. Large flowers of great depth. Rose pink, deepening to mallow pink.

Root .50

**KAY FRANCIS** S. C. (Eastman-Cordes) A very large deep semi-cactus of soft lemon yellow. Produces a great abundance of blooms. Excellent habits of growth.

Root \$1.50 Plant .75

**KEMP'S PURPLE WONDER** I. D. (Kemp) A tall grower with excellent qualities. The large pansy purple flowers are carried nicely on long, strong stems.

Root \$1.00 Plant .50

**KEMP'S VIOLET WONDER** I. D. (Kemp) A very deep flower of good size. The color is a deep violet.

Root .50

**KENO F. D. (Lee)** Fairly large flowers are held erect on good strong stems. The color is a sort of begonia rose.

Root \$1.50 Plant .75

**KENTUCKY MIDNIGHT I. D. (White)** Very deep maroon red. Quite large and the stems are good.

Root \$5.00 Plant \$2.50

**KENTUCKY RED I. D. (White)** Flaming scarlet flowers of fair size.

Root .75

**KENTUCKY SUN F. D. (White)** A big clear yellow with a fine future. We believe that it will be the one to beat in the yellow formal classes as well as a powerful contender in the formal class.

Plants only \$2.50

\***KISMETH S. C. (Berger)** A deep blood red held high on long, strong stems. Robust bush of wide spreading habits. Medium sized flower which keeps well when cut.

Root .50

\***LADY PONSONBY I. D. (Elder)** A Canadian origination that has made friends in this country. Pure golden yellow of large size.

Root \$1.00 Plant .50

**LA REINA I. D.** A very large flower of good depth. Amber buff shaded reddish. Exceptionally long stems.

Root .75

\***LEMONIA In. C. (Brudegom)** A bright lemon yellow of large size that created quite a sensation in this country when first introduced. Early bloomer and it produces an abundance of flowers.

Root \$2.00 Plant \$1.00

\***LILAC GLORY In. C. (Ballego)** Soft violet with silver shadings. Very early to bloom. Good keeper when cut.

Root .75

**LORD OF AUTUMN I. D. (Almy)** A highly consistent winner in the strongest classes at all shows. It has won more than its share of "largest bloom" awards. The very large, deep flowers are of clear, bright yellow.

Root \$2.00 Plant \$1.00

\***LOUIS CAJEUX I. D. (Cajeux)** Extremely tall grower. The attractive burnt orange blooms, of medium size, are borne high above the bush on long stems.

Root \$1.00 Plant .50

**LOUISE BATES S. C. (Cordes-Eastman)** A spectacular dahlia of large size. Early and prolific bloomer. Mallow pink with phlox purple center.

Root \$1.50 Plant .75

\***LUDOWIKA ENTRUP I. D. (Entrup)** Here is a white which is outstanding because of its great depth and long stems. Quite large, it is capable of producing sensational blooms, although the blooms are not so consistent in quality. Worth growing for the thrill of the exceptional.

Root \$2.00 Plant \$1.00

**MABEL GARRISON In. C. (Hulin)** A very striking dahlia of deep golden orange streaked and suffused red.

Root \$1.00 Plant .50

**\*MADAM FLORENT BREAM** In. C. (Bream) A large, bright rose cactus with a distinct yellow center.

Root \$1.50 Plant .75

**MAN O' WAR I. D.** (Rushmohr) One of the most pleasing "reds" in the garden because of its good habits of growth, fine stem and numerous large flowers. The color is a rich dark carmine.

Root \$1.00 Plant .50

**MARGRACE I. D.** (Bissell) A large, graceful flower of brilliant scarlet, tipped gold. Fully deserves the high rating it enjoys. Won wherever shown the past season. It is a good performer in the garden, too. Stems are excellent.

Root \$5.00 Plant \$2.50

**MARY RETZER S. C.** (Retzer) A pink sport of Edna Ferber with, perhaps, a little more size. Bright rose pink flowers of very pleasing formation.

Root \$2.50 Plant \$1.25

**MILTON J. CROSS I. D.** (Johnson) A highly rated introduction of 1936. Clear gold at the center shading to light orange buff on the outer half of the petals.

Root \$10.00 Plant \$5.00

**MIRAM HOPKINS S. C.** (Cordes-Eastman) A large flower similar to Amelia Earhart, with the exception that it is of darker colors and the petals are a bit more slender.

Root \$5.00 Plant \$2.50

**\*MISS BELGIUM St. C.** (Nagels) Not a large flower, but always a consistent winner because of its perfect, clean-cut formation. Bright reddish orange of one tone.

Root \$1.00 Plant .50

**MISS GLORY S. C.** (Ballay) A very large apricot yellow which performed well wherever we saw it, the past season. Believing that it will be popular, we have added it to our list for 1937.

Plants only \$7.50

**MONMOUTH CHAMPION I. D.** (Kemp) A "standby" in the gardens for a number of years. Orange flame.

Root .50

**MONMOUTH SUNBURST I. D.** (Kemp) Salmon orange background, with lemon yellow center. Produces many flowers during the season.

Root .50

**MRS. BRUCE COLLINS St. C.** (Groll) One of the largest of its type. Light canary yellow. Blooms are borne nicely on fine stems.

Root \$2.00 Plant \$1.00

**MRS. GEO. LE BOUTILLIER I. D.** (Rushmohr) One of the few good exhibition "reds." Large flowers on long stems. Deep crimson red.

Root \$2.50 Plant \$1.25

**MRS. J. K. ALEXANDER I. D.** (Alexander) One of the very largest. Flowers are fairly deep and the stems long. Blooms are inclined to face down slightly. Light lemon yellow.

Root \$1.50 Plant .75

\***MUENCHAUSEN** F. D. (Berger) A striking bi-color of salmon red largely tipped white. Very free bloomer. Stems are long and strong, holding the flowers at a nice angle.

Root \$2.00 Plant \$1.00

**MURPHY'S MASTERPIECE** I. D. (Reed) Very large, deep flowers of dark red with crimson shadings. A frequent winner at the best shows.

Root \$1.50 Plant .75

\***NOCTURNO** In. C. (Berger) A fine exhibition variety of very dark red. Nicely formed flowers on good stems.

Root \$1.50 Plant .75

**OAKLEIGH PRINCESS** S. C. (Hook) Lemon yellow, overcast scarlet. The large blooms are held erect on strong, stiff stems. Another recent release which has performed well.

Plants only \$2.50

**OLYMPIC SUNSET** S. C. (Lee) A free blooming variety of a pleasing blend of coral, orange and lemon yellow.

Root \$2.00 Plant \$1.00

**OMAR KHAYYAM** F. D. (Stout) Chinese red at the base of the petals, shading to orange toward the outer half of petals. Very vigorous.

Root .50

**ORANGE LADY** F. D. Very large orange blooms with peach shadings throughout. Bushes are very strong growers.

Root \$2.00 Plant \$1.00

**ORANGE MOON** F. D. (Wallace) A fairly large flower of dark orange shade. Foliage very tough and resistant. Good stems.

Root \$1.50 Plant .75

**ORIENTAL SPLENDOR** F. D. Brightly colored blooms of ruby red with a yellow reverse that shows on the face. Fairly large size and the stems are good.

Root \$1.00 Plant .50

**ORINDA** F. D. (Newberry) This variety is the delight of those who like their dahlias tall. The rich mauve pink blooms are very large and held high on exceedingly long stems.

Root .50

**O. S. U. I. D.** (Buell) Capable of producing some very fine blooms. Stems are good and the color unusual. Scarlet with gray-tan reverse, which shows on the face of the bloom. Admired for its beauty.

Root 3.00 Plant \$1.50

**PALO ALTO** S. C. (Ballay) A real top-notcher. Large flowers of soft apricot buff, carried high above the strong growing bushes.

Root .75

\***PAUL FITZER** S. C. (Berger) A beautiful German variety that has made a host of friends in this country. Centers are sulphur yellow, shading to a lilac rose at the tips.

Root \$1.00 Plant .50

\***PHANTOM** I. D. (Berger) One of the leading bi-color dahlias for exhibition. Violet purple tipped white.

Root \$1.50 Plant .75

\***PINK DAILY MAIL** I. D. (Sanford) Large blooms of cyclamen pink. A sport of the popular English "Daily Mail."

Root \$2.00 Plant \$1.00

\***PINK SPIRAL** In. C. (Budegom) One of the finest of this type. Large blooms of peach blossom pink. A very fine exhibition variety that has already established many friends among show room followers.

Root \$2.00 Plant \$1.00

**PIONEER CITY BONFIRE** I. D. (Buell) For two years this has been outstanding in our gardens. Large, massive blooms of highest quality. Exceedingly abundant in production of bloom. Color described as bonfire red.

Root \$5.00 net Plant \$2.50

\***POLLY** In. C. A well-formed, clean-cut cactus on good long stems. The flower is similar in form to American Triumph. The color is light canary yellow.

Root \$1.00 Plant .50

\***POSIE MORAVY** I. D. (Dokoupil) This is a real gem of beauty. Excellent in all respects. Very early and prolific and the blooms keep well when cut. The color is white with pink and orchid tints. The edges of the petals are slightly ruffled, giving the flower unusual character.

Root \$1.00 Plant .50

**POTLATCH** I. D. (Hulin) Large flowers of grenadine red splashed yellow. The color effect is very striking.

Root \$1.00 Plant .50

\***PRACKHERL** S. C. (Werner) Clear primrose yellow. Large blooms, which will be factors in many shows the coming year.

Root \$2.50 Plant \$1.25

\***PREAMIE** F. D. (Dokoupil) A two-toned, medium-sized flower of light yellow with points and centers of the petals a chocolate red.

Root .50

\***PRES. FRANKLIN ROOSEVELT** I. D. (Andrews) A massive flower of striking color and growth. Bright carmine red with yellow reverse. Very popular.

Root \$1.00 Plant .50

**PRIDE OF AMERICA** S. C. (Nuneveller) A well-formed, deep flower of primrose yellow with faint tints of flush pink. Tall bushes.

Root \$7.50 Plant \$3.75

**PRINCE OF PERSIA** I. D. (Newsome) A large, glowing, bright red, very prominent in the garden after mid-season.

Root .50

**R. A. BROOMFIELD** I. D. (Petrie) A fair sized flower of great depth. The color is saffron orange, suffused rose. Always covered with flowers.

Root \$1.00 Plant .50

**RAJAH** I. D. An unusual coloring of tan heavily streaked red.

Root \$1.00 Plant .50

\***REICHARDT'S MASTERPIECE** S. C. (Reichardt) Very unusual and distinctive flowers of a rare shade of yellow, with outer half of petals of clear amethyst. Wonderful keeper when cut.

Root \$3.00 Plant \$1.50

* <b>REMARKABLE</b> I. D. (Stredwick) A long-stemmed flower of fair size. The long, twisted petals are red, largely tipped white.	Root \$2.50	Plant 1.25
* <b>RENAUTE MUELLER</b> In. C. (Englehart) A very fine exhibition or commercial cactus of good size. Light salmon rose with pale yellow centers. Very profuse.	Root \$1.00	Plant .50
<b>RIPPLES</b> I. D. (Shattuck) Medium sized flowers of rose pink. Attractive formation. Tall bushes and long stems.	Root \$2.00	Plant \$1.00
<b>ROCKLEY MOON</b> F. D. (Taylor) One of the best performers in our gardens during the past season. Large blooms of bright yellow with bronze tints towards the center. Numerous very broad petals.	Root \$1.50	Plant .75
<b>ROBERT EMMET</b> I. D. (Maytrott) A nice, large showy dahlia in the garden. Also a good exhibition variety. Color is a bright, velvety cardinal red.	Root \$1.00	Plant .50
* <b>ROSTRAHL</b> In. C. (Voight) Very finely rolled petals of bright salmon red, shading yellow toward the base.	Root \$2.00	Plant \$1.00
<b>ROYAL PURCHASE</b> In. C. (Salem) One of the largest of this type. Early and very profuse. The flowers are yellow with outer petals suffused pink. The stems are exceptional.	Root \$7.50	Plant \$3.75
* <b>ROYAL WHITE</b> I. D. (Brudegom) One of the best exhibition whites we have. Not too large, but well-formed flowers on perfect stems.	Root \$1.00	Plant .50
<b>RUDY VALLEE</b> S. C. (Broomall) Large, spectacular blooms of reddish apricot with gold centers.	Root .75	
<b>RUDOLPH'S GIANT</b> I. D. (Rushmohr) A giant in fact. Winner as largest bloom at New York show. The large blooms have great depth and the stems are all that could be desired. The color is a live buff with apricot and pink suffusions.	Root \$10.00	Plant \$5.00
* <b>SACRED FIRE</b> I. D. (Berger) A fine, dark cherry red of medium size, with very long stems. Tall bushes.	Root \$2.00	Plant \$1.00
* <b>SAARLAND'S HEIMKEHR</b> St. C. (Berger) A German cactus of regular form and pleasing color. Glowing pink with amethyst overtone.	Plants only	\$1.00
<b>SATAN</b> S. C. (Ballay) One of the leaders in the strong semi-cactus class at all shows. Very large scarlet blooms with a touch of gold at the tips and centers. The bushes are tall and rugged.	Root \$1.00	Plant .50
* <b>SHINTENCHI</b> In. C. (Endow) A new one from Japan. Dark red, of good form.	Root \$3.00	Plant \$1.50

<b>SONNY BOY</b> I. D. (Salem) A large, massive flower of beautiful old rose overlaid with a golden sheen. Always popular with our visitors.	Root \$1.00	Plant .50
<b>SPOTLIGHT</b> I. D. (Hulin) A large sulphur yellow, with excellent habits of growth. Early and free bloomer.	Root \$1.50	Plant .75
* <b>TANNENBERG</b> F. D. (Teschendorff) A medium sized formal with rather pointed petals. A flashy flower of blood red with distinct golden tips and gold at the centers. Without exception, this was the best liked of the moderate priced dahlias in our gardens.	Root \$1.50	Plant .75
* <b>THE DUCHESS</b> I. D. (Stredwick) A pleasing combination of color in a bloom of good quality. Bright, clear yellow, largely tipped white.	Root \$1.50	Plant .50
<b>THOMAS A. EDISON</b> F. D. (Dahliadel) Still the best in its class. A big, well-formed flower of royal purple.	Root .50	
<b>TOM MANNING</b> I. D. (Wind) A good, honest dahlia that performed well under all conditions the past season. Very vigorous, wide spreading plants. The color is definitely in the autumn shade; center bloom is old rose, outer three-fourths are ochraceous salmon blending to buff. Blooms are large, on perfect stems.	Root \$3.00	Plant \$1.50
* <b>TRAUER UM LANGMARK</b> St. C. (Stredwick) Large flowers of very dark red.	Root \$2.00	Plant \$1.00
<b>VIN-WELL BLUEBIRD</b> F. D. (Blamer) A good flower of purplish blue. Medium sized blooms on fine stems. Exceptional root-maker.	Root \$2.50	Plant \$1.25
<b>VIN-WELL TITIAN</b> I. D. (Blamer) Large, yellow overlaid with coral red, reverse deeper red. Very prolific bloomer as well as early.	Root \$5.00	Plant \$2.50
<b>WASHINGTON GIANT</b> I. D. (Lee) A real lavender of large size. The flowers are nicely streaked with silver and are borne in profusion on free branching bushes.	Root \$1.50	Plant .75
<b>WENOKA</b> F. D. (Hulin) One of the largest and most massive formals that it has been our pleasure to grow. Rosy mauve with magenta shadings. Stems are very long and strong, carrying the flowers well above the rugged bushes. Fine for exhibition.	Root \$4.00	Plant \$2.00
* <b>WHITE ABUNDANCE</b> F. D. (Ballego) This comes close to being the best in the white class for all-around performance. Tall bushes are always full of perfectly formed flowers. It lacks just a little of being a big one.	Root \$3.00	Plant \$1.75
<b>WM. H. HOGAN</b> F. D. (Reed) A popular bi-color of garnet red, tipped White.	Root .50	

## SMALL TYPE DAHLIAS

These small flowered dahlias have become very popular because of their general usefulness. They lend themselves nicely to effects in the landscaped gardens. As a flower for arrangements, they are ideal, keeping a long time, and their great diversity of form permits unlimited possibilities in their arrangements.

Abbreviations: P, pom; M. D., miniature decorative; Mig., mignon; M. C., miniature cactus or semi-cactus; B, ball; St., star; S., single; Coll., collarette; Dup. duplex. Prices are for roots, except where noted.

BABY ROYAL. M. C.	Salmon pink shaded apricot at base of the petals. A real gem.....	\$ .50
BISHOP OF LLANSDAF.	M. Dup. Bright scarlet, with fine bronze foliage.....	.50
BLACK DIAMOND.	B. Very dark maroon.....	.75
BOB WHITE.	P. Fine exhibition white.....	.50
BRIGHT FLASH.	S. Our 1937 introduction. A bright red for the exhibition table. Long, stiff stems. Flowers average five inches in diameter .....	1.00
CHICKIE.	P. Reddish plum color.....	.35
CONSTANCE.	St. Coppery red and gold.....	.50
DAINTY MISS.	P. Well named. Light pink and white.....	.35
DEE DEE.	P. Best exhibition lavender.....	.35
DOT.	P. An all-purpose white.....	.35
EASTER GREETINGS.	M. C. White.....	Plants .50
EDWARD.	P. Cherry red.....	.25
ELIZABETH.	P. Yellow, deeply edged red.....	.25
EVEREST.	St. Very fine pure white.....	.50
FAIRY.	M. D. A dandy miniature Jersey's Beauty.....	.75
FIXLER'S COLLARETTE.	Coll. Excellent red and orange.....	.75
GEORGE IRELAND.	P. Lilac mauve.....	.25
GERTRUDE.	P. Glowing carmine.....	.35
GLOW.	P. A very attractive coral.....	.35
GOLD MEDAL.	B. Bright autumn shades.....	.50
HELEN ANITA.	P. Lavender pink with white center.....	.35
HONEY.	P. A fine pale yellow, lightly tipped red.....	.35
JAY SEE DEE.	B. Reddish violet streaked and speckled rich red	.50
JANE HOBBY.	M. D. A showy bright scarlet.....	.75
JIMMY.	P. Another of our recent introductions. Free, early bloomer of an uncommon cerise color.....	.50
JERSEY'S BEACON BALL.	M. D. A fine deep flower of orange-scarlet .....	.50

JOE FETTE. P.	White.....	.25
JOHNNY PEPPIN. P.	Dark red .....	.35
LITTLE DAVID. P.	Very good reddish orange.....	.35
LITTLE EDITH. P.	The leading exhibition variety. Very small. Yellow tipped carmine.....	.35
LITTLE JEWELL. M. D.	Very popular amaranth pink.....	.35
LITTLE NEMO. M. D.	Striking bright red tipped white....Plants	.50
LITTLE OTHELLO. S.	Very dark maroon with deep bronze foliage .....	.50
LITTLE PEARL.	A free blooming pink.....	.35
LITTLE SNOW QUEEN. M. C.	White.....	.50
MARY HELEN. B.	The leading exhibition ball. Yellow.....	.35
MINNIE MOUSE. P.	Burgundy red tipped white.....	.50
ORCHID BALL. B.	A perfectly formed lavender ball.....	.50
SANHICAN'S SWEETHEART.	Ochreous buff, suffused rose. Fine	.75
SNOW DROP. M. C.	White.....Plants	.50
TINY. M.	Peony. Yellow suffused apricot.....	.50
YELLOW GEM. P.	Fine exhibition yellow.....	.25
WILFRED. Coll.	Orange with white collar.....	.50



## COLLECTIONS

No changes permitted in collections of specified varieties.

**COLLECTION A**—Jane Cowl, Jersey's Beauty, Girl of Hillcrest, Jersey's Melody, Prince of Persia.....Price \$1.50

**COLLECTION B**—White Wonder, City of Jamestown, Josephine G., Prince of Persia, Harriet Hotor, Monmouth Sunburst.....Price \$2.50

**COLLECTION C (cactus)**—Hosianna, Mabel Garrison, Jersey's Dainty, Conservatrix, Doris Cooper, Renaute Mueller...Price (all plants) \$2.00

**COLLECTION D**—Twelve different varieties of the large modern dahlias all different and properly labeled. Catalogue value of not less than \$7.50. Our selection .....Price \$5.00

**COLLECTION E (small types)**—Ten, all different of our selection and properly labeled, including several different types of the increasingly popular small dahlias .....Price \$3.00

**COLLECTION D (pom poms)**—Six different poms of our selection, all labelled .....Price \$1.00



A VIEW SHOWING DAHLIAS JUST COMING INTO BLOOM IN OUR FIELDS, DURING THE FALL OF 1936. EACH WEEK DURING THE FLOWERING SEASON AN AVERAGE OF TWO HUNDRED AND FIFTY VISITORS VIEW THIS GORGEOUS SIGHT,

## *Cultural Hints*

Fine dahlias are the result of a number of factors, most important of which are: (1) good vigorous disease-free stock; (2) choice of varieties which naturally produce high quality blooms; (3) location of the garden; (4) proper planting; (5) cultivation; (6) intelligent fertilization and spraying; (7) pruning and dis-budding; and (8) the successful winter storage of the clumps.

Factors (1) and (2) need no comment, other than that we guarantee every variety listed in this catalogue, to meet these requirements. Our fields are carefully and frequently inspected and all inferior plants are destroyed. We do not enter blooms in competition at dahlia shows. Forcing is not resorted to, and as a result, all the natural vigor and vitality of the variety, remains stored in the roots or plants you buy from us.

Selection of the location for the garden is usually quite restricted, but fortunately dahlias will do well in any type of soil and in a wide variety of climate. A good site is one that receives several hours of sunlight each day and has good drainage, so that water does not stand on the ground very long after rains. More important than the type of soil or the location of the garden is the condition of the soil at planting time, and during the growing season. We believe that more failures with dahlias are due to the lack of proper conditioning of the soil than to any other single factor. This is especially regrettable since it is a factor which may easily be controlled.

The soil of the garden should be kept loose while the plants are growing, especially in the early part of the season. Light sandy soils need the least preparation, providing they contain enough humus to hold a sufficient amount of moisture. Humus may be supplied by, planting a cover crop of

rye in the fall to spade under in the spring, peat moss mixed into the soil, barnyard manures, and by vegetative refuse such as lawn grass clippings, leaves, etc.

Heavy clay soils may be lighter by the generous use of furnace ashes or cinders mixed with the soil of the garden, or, even just in the hills. Lime also tends to loosen the soil but should not be used oftener than every four or five years and never in connection with barnyard manures. A cover crop of rye also aids in the loosening or lightening of the soil. Stirring the soil frequently to a depth of five or six inches helps to maintain the soil in proper condition. It must be remembered that the tender roots of the dahlia will not reach out as readily in search of food, in hard ground, as they will in looser soil. The dahlia is a very heavy "feeder" and needs a large efficient root system. Also air and water penetrate more easily into loose soil and aid in the chemical transformation of soil elements into plant food.

Spade the garden two or three weeks before planting time. Leave the surface rough until actual setting of the roots or plants. Never try to "fit" the soil when it is so wet that it sticks to the tools. Planting should not be started until the soil has started to warm up in the spring, which in the latitude of northern Ohio is about May 15th to May 20th. Planting may be continued until June 15th or later.

We suggest planting in furrows or trenches about five inches deep and running the length of the row. Place the root flat on the bottom of the trench and cover with two or three inches of soil. Fill in the rest of the trench as the plant grows. Rows should be at least three, or preferably, four feet apart. Plants in the row should be thirty to thirty six inches apart when planting large sorts. (Small type dahlias sixteen to twenty four inches apart.) Stakes to support the plants later may be driven at planting time five or six inches from the eye or sprout. Further instructions for the care and planting of "GREEN PLANTS" are enclosed with each shipment of our plants.

Cultivate once or twice each week to a depth of five or six inches in the early part of the season. Right next to the plant cultivation should not be as deep or some of the roots are likely to be cut off or injured. When the plants are in bloom and the spaces between the plants are pretty well filled with foliage no further cultivation will be necessary.

Water only in very dry weather. One thorough soaking is far better than several light sprinklings. Frequent watering brings the roots too near the surface where they are quickly injured by heat or drought. More water will be required after the plants start blooming than earlier in the season.

There are a number of elements in soil which are needed for proper plant growth. Of these elements there are only three which are likely to be present in lesser amounts than the plant needs. These are Nitrogen, Phosphorus and Potash. Most commercial fertilizer contains all three in specified amounts. Since each garden varies in the amount of each of these contained in its soil it is not possible to make recommendations which will fit all. However, as a starting point in a fertilizing program try using what the fertilizer dealers know as a potato fertilizer. This is rather low in nitrogen content and relatively higher in the other two. Apply broadcast before spading the garden in the spring at the rate of four or five pounds for each 100 square feet. Another application of a fertilizer containing a little more nitrogen may be applied just as the buds begin to show. Scatter the fertilizer between the rows well away from the plants and cultivate. A thorough watering will make the elements available to the plants more quickly.

Proper fertilizing will do much to produce plants which are far less susceptible to attacks of insects and disease. If insects are taking their toll in your garden have your local seedsman recommend a spray material for your special problem. Many insects are discouraged from attacking a plant covered with a white dust whether it is a poison or just a harmless substance such as flour. Mildew in the late fall can be absolutely prevented by one application of "dusting sulphur" applied to the under sides of the lower leaves. Use a dust gun of some sort and do the dusting early in the morning when the dew is on the leaves. About Sept. 1st is the time to make this application.

Large specimen blooms are the result of systematic dis-budding and dis-branching. After the buds appear it will be noted that they usually come in clusters of three. The one in the center is generally the strongest. Remove the other two and the effort that the plant would expend in producing flowers from them goes to the terminal bud which is left. The next two or three sets of branches (at each leaf below the terminal bud) may also be removed, further increasing the size of the bloom to be produced. Be sure, however, that at least one set of branches is left to produce the next flowers.

Many varieties have a tendency to grow straight up with but a single stalk. If a bushy plant is desired pinch out the top of the plant when it is about eighteen inches tall. Other varieties may produce too many branches in which case some may be cut out. Plants which have been pinched out may be dis-budded as per instructions above.

After the frost has destroyed the plants in the fall cut the stalk off at the ground. An ordinary saw is fine for this. If possible leave the clump in the ground for a week or ten days before digging. A long tinned fork is best for digging the clumps. Be careful not to break or even strain the necks of the tubers. One person with a fork on each side of the clump to be dug can lift the clump out with less damage. Do not leave the clumps exposed to the sun or wind for more than a few minutes. If the clumps are too moist to store at once dry them off a bit in the shade or basement. Cut the stalk off to within a couple of inches of the crown. This largely helps to prevent stem rot later. Store the clumps in containers well lined with newspaper to keep out the air as much as possible. Keep the containers in a cool frost-proof basement. After the clumps have been stored for three or four weeks examine them for stem rot or other decay. If decay has set in leave them exposed to the air for a day. Splitting the clumps in two will help prevent stem rot. Trim out any decayed parts and dust with sulphur. A little sulphur sprinkled over the clumps when they are put in the containers will prove beneficial. If the clumps show signs of shrivelling moisten them with a little water and add more covering.

The clumps may be divided at any time but it is best to wait until the eyes or sprouts show distinctly. Never plant the entire clump. For best results divide it so that there is but one sprout to each division. Usually good clumps will average four or more divisions.

We shall be glad to answer any further questions regarding these or any other phases of dahlia culture. OUR SERVICE DOES NOT END WITH THE SALE.





# JOIN THE AMERICAN DAHLIA SOCIETY

We invite our friends and customers to join the American Dahlia Society and become a part of this great National organization whose interest is devoted solely to the improvement of the Dahlia.

The Quarterly Bulletin—a real Dahlia Magazine—gives all the up to date Dahlia news, information about, and illustrations of new varieties, the latest cultural hints and is a real worth while guide to any lover of Dahlias. The Bulletin alone is worth many times the cost of the annual dues.

Trial Gardens are maintained at Connecticut College, Storrs, Connecticut, and The Michigan Agricultural College, East Lansing, Michigan, where new varieties are tested and scored each year. A test garden is also maintained at Cornell University, Ithaca, New York, for research work on insect and disease control. Full reports from all these gardens are published from time to time.

Dahlia "fans" in every state of the Union and many foreign countries are members and frequently contribute news to the Bulletin. Membership includes admission, and the privilege of exhibiting at all our National exhibitions which are held each September in some National center.

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